



Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket No. 3005-55	Serial No. 10/771,962
	Applicant Y. MUTOH, ET AL.	
	Filing Date 02/04/2004	Group Art Unit: Unknown

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A						
	B						
	C						
	D						
	E						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
AE	A	JPH01-22490A	01/25/1989	JAPAN (English Abstract)	B23K 26/02	—		X
↓	B	JPH03-165989	07/17/1991	JAPAN (English Abstract)	B23K 26/04	—		X
AE	C	DE4217292A1	12/02/1993	GERMANY (English Abstract)	B23K 26/04	—		X

OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	M. Alexandra Elve	7/1/05	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance as are not considered. Include copy of this form with next communication to the applicant.



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AE	A	5,192,848	03/09/1993	MIYAKAWA ET AL.	219	121.82	10/31/1991
	B	5,196,672	03/23/1993	M. HIDENOBU, ET AL	B23K262	00	
	C	4,539,461	09/03/1985	G. BENEDICT ET AL.			
	D	5,500,502	03/19/1996	H. MANABU ET AL.			
AE	E	5,698,120	12/1997	KUROSAWA ET AL	219	121.62	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
AE	A	EP 0 822 027A	2/04/1998	EUROPE	C21D1/09		X	
AE	B	CA2182927	09/02/1998	CANADA	A1		X	
	C							

OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

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AE	F	5,530,221	06/1996	BENDA, ET AL.	219	121.83	
AE	G	5,463,202	10/1995	KUROSAWA ET AL.	219	121.83	
	H						
	D						
	E						

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